WHAT IS CLAIMED IS:

1. A communication system for supporting reservation of network resources comprising:

a plurality of terminals; and

a relaying device operable to perform priority control of packets based on priority set to each of the packets to relay among said plurality of terminals,

wherein each of said plurality of terminals comprises:

a communication-managing table operable to store communication information of both own terminal and a communication partner thereof, both the own terminal and the communication partner being included among said plurality of terminals;

a packet-transmitting unit operable to set each of the packets priority according to the communication information stored on said communication-managing table;

a packet-receiving unit operable to receive the packets; and

a link-managing unit operable to update, when link condition of the own terminal changes, the priority of each of the packets whose source terminal is the own terminal, the priority of each of the packets being included in the communication information stored on said communication-managing table.

2. The communication system as recited in claim 1, the communication system further comprising,

priority-assigning unit operable to manage, and when requested assign, priority of packets of each of said plurality of terminals,

wherein each of said plurality of terminals acquires from said priority-assigning unit priority that is set to packets whose source terminal is the own terminal.

3. The communication system as recited in claim 2, wherein, when the link

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condition of the own terminal changes, the own terminal acquires from said priority-assigning unit new priority that is set to the packets whose source terminal is the own terminal and updates priority of the packets whose source terminal is the own terminal to the new priority.

4. The communication system as recited in claim 1, wherein, when the link condition of the own terminal changes, the own terminal notifies a source terminal of the own terminal that priority set to packets in communications between the source terminal of the own terminal and the own terminal should be changed, and

wherein the source terminal of the own terminal acquires, from said priority-assigning unit, new priority to be set to the packets in the communications between the source terminal of the own terminal and the own terminal, and updates the priority set to the packets in the communications between the source terminal of the own terminal and the own terminal, to the new priority acquired from said priority-assigning unit.

5. The communication system as recited in claim 1, wherein said relaying device is a base station of a wireless LAN, and

wherein said link-managing unit of each of said plurality of terminals judges that the link condition changes when connection between the own terminal and said base station changes.

6. The communication system as recited in claim 1, wherein said relaying device is a switch of a cable LAN, and

wherein said link-managing unit of each of said plurality of terminals judges that the link condition changes when connection between the own terminal and said switch changes.

7. A terminal comprising:

a communication-managing table operable to store communication information of both own terminal and a communication partner thereof;

a packet-transmitting unit operable to set each of packets priority according to the communication information stored on said communication-managing table;

a packet-receiving unit operable to receive the packets; and

a link-managing unit operable to update, when link condition of the own terminal changes, the priority of each of the packets whose source terminal is the own terminal, the priority of each of the packets being included in the communication information stored on said communication-managing table.

8. A communication method for supporting reservation of network resources, the communication method comprising:

storing, in each of said plurality of terminals, communication information of both own terminal and a communication partner thereof;

setting a packet priority according to the stored communication information;

transmitting the packet set the priority;

receiving the packet set the priority; and

updating, when link condition of the own terminal changes, the priority of packets whose source terminal is the own terminal, the priority being included in the stored communication information.